



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)

Joseph A. Bennett, Mikal C. Hunsaker, Annop)
Mukker, and Adit D. Tarmaster)

Application No.: 09/870808)

Art Unit: Unknown

Filed: May 31, 2001)

Examiner: Unassigned

For: Data Bridge and Bridging)

Commissioner of Patents
Washington, D.C. 20231

AMENDMENT

Dear Sir:

The original application includes claims 1-29 and claims 1-29 are pending. No other amendments have been made and Applicant has not received an Office action to date. Applicant respectfully requests that the application be amended to include the following claims, claims 30-43. Further, Applicant submits that the following claims do not add new matter to the original application and support for each claim is obvious from a review of the original application.

06/01/2001 NROCHA1 00000063 09870808

01 FC:102 160.00 OP
02 FC:103 252.00 OP

- 1 30. An apparatus, comprising:
2 a buffer to store a split completion of a transaction;
3 an arbiter to arbitrate initiation of a split-completion transaction for the
4 split completion based upon a priority associated with the split
5 completion; and
6 circuitry to initiate the split-completion transaction.
- 1 31. The apparatus of claim 30, further comprising circuitry coupled to said circuitry to
2 track outstanding split-completion transactions.
- 1 32. The apparatus of claim 30, further comprising circuitry coupled to said circuitry to
2 limit a quantity of outstanding split-completion transactions.
- 1 33. The apparatus of claim 30, further comprising circuitry to track available space in
2 said buffer for a second split completion.
- 1 34. The apparatus of claim 30, wherein said circuitry comprises:
2 an initiator to forward the split-completion transaction to a target device;
3 and
4 a completer to respond to a requester of the split-completion transaction.
- 1 35. The apparatus of claim 30, wherein said arbiter comprises circuitry to associate a
2 priority with initiation of the split-completion transaction based upon a
3 determination of fairness for a requester associated with the split completion.
- 1 36. The apparatus of claim 35, wherein the circuitry to associate a priority comprises
2 circuitry to determine fairness for the requester based upon a round robin selection
3 of the requester.
- 1 37. The apparatus of claim 35, wherein the circuitry to associate a priority comprises
2 circuitry to determine fairness for the requester based upon a fixed priority for
3 access by the requester.
- 1 38. The apparatus of claim 30, wherein said arbiter comprises a counter coupled to
2 said circuitry to monitor the duration of the split-completion transaction.

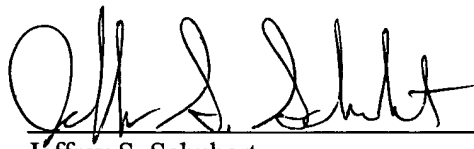
- 1 39. A system, comprising:
2 a bridge to arbitrate initiation of a split-completion transaction and to
3 initiate the split-completion transaction; and
4 a processor to receive the split-completion transaction from said bridge.
- 1 40. The system of claim 39, wherein said processor comprises circuitry to transact
2 with a target device via said bridge.
- 1 41. The system of claim 39, wherein said processor comprises circuitry to respond to
2 the split-completion transaction via said bridge.
- 1 42. The system of claim 39, wherein said bridge comprises:
2 circuitry to determine a sequence for the split-completion transaction
3 based upon a priority associated with the split completion; and
4 circuitry to initiate the split-completion transaction according to the
5 sequence.
- 1 43. The system of claim 41, wherein said bridge further comprises circuitry to limit
2 the duration of the split-completion transaction.

CONCLUSION

Applicant respectfully submits that the amendment adding claims 30-43 should be entered. The support for the added claims is obvious from a review of the original application and the new claims are numbered from the next highest number after the claims originally submitted. In addition, Applicant submits that the pending and amended claims, claims 1-43, are in allowable form and respectfully requests that examination proceeds. If Examiner has any questions concerning this application, Applicant requests Examiner to telephone the undersigned at the telephone number shown below as soon as possible.

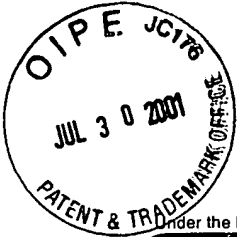
Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666.

Respectfully submitted,
Blakely Sokoloff Taylor & Zafman LLP



Jeffrey S. Schubert
Reg. No. 43,098
12400 Wilshire Blvd, Seventh Floor
Los Angeles, California 90025-1026
(512) 330-0844

July 24, 2001
Date:



HA

0300

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

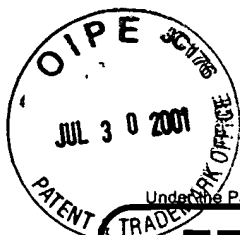
| | | | |
|--|----------------------|---------------------------|-------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/870,808 | |
| | Filing Date | 05-31-2001 | |
| | First Named Inventor | Joseph A. Bennett, et al. | |
| | Group Art Unit | Not Yet Assigned | |
| | Examiner Name | Not Yet Assigned | |
| Total Number of Pages in This Submission | 7 | Attorney Docket Number | 42390P10976 |

| ENCLOSURES (check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard Check |
| Remarks Please charge any insufficiencies, if any, or credit any overpayments to Deposit Account No 02-2666. | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|------------------------------------|
| Firm or Individual name | Jeffrey S. Schubert Reg. 43,098 |
| Signature | |
| Date | July 24, 2001 |

| CERTIFICATE OF MAILING | | | |
|--|--------------|------|---------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 7-24-01 | | | |
| Typed or printed name | Clara Wallin | | |
| Signature | | Date | 7-24-01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 412.00

Complete if Known

| | |
|----------------------|---------------------------|
| Application Number | 09/870,808 |
| Filing Date | 05-31-2001 |
| First Named Inventor | Joseph A. Bennett, et al. |
| Examiner Name | Not Yet Assigned |
| Group Art Unit | Not Yet Assigned |
| Attorney Docket No. | 42390P10976 |

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 02-2666
Deposit Account Name: Blakely Sokoloff Taylor & Zafman

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 710 | 201 355 | Utility filing fee | |
| 106 320 | 206 160 | Design filing fee | |
| 107 490 | 207 245 | Plant filing fee | |
| 108 710 | 208 355 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims: 43 - 29 = 14 x 18 = 252
Independent Claims: 6 - 4 = 2 x 80 = 160
Multiple Dependent: ☐ = ☐

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 412.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 390 | 216 195 | Extension for reply within second month | |
| 117 890 | 217 445 | Extension for reply within third month | |
| 118 1,390 | 218 695 | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | Extension for reply within fifth month | |
| 119 310 | 219 155 | Notice of Appeal | |
| 120 310 | 220 155 | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | Design issue fee | |
| 144 600 | 244 300 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 130 | 123 130 | Petitions related to provisional applications | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 710 | 246 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

| | | | | | |
|-------------------|---------------------|-----------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Jeffrey S. Schubert | Registration No. (Attorney/Agent) | 43,098 | Telephone | (512) 330-0844 |
| Signature | | Date | 7-24-01 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.